

20030225.qrp v02_n842.qrl.20030225

Date: Tue, 25 Feb 2003 19:03:12 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2842

QRP-L Digest 2842

Topics covered in this issue include:

- 1) [146622] Re: Advice on first-timer QRP Rig
by Jeffrey L Greer <wd4et@juno.com>
- 2) [146623] FS: Icom 706, MFJ 941E Tuner.
by "Kelly Ellison" <kelman@sofnet.com>
- 3) [146624] Re: Norcal 30
by David Hinerman <WD8CIV@worldnet.att.net>
- 4) [146625] RE: Aluminum Rods and PSK-31
by David Hinerman <WD8CIV@worldnet.att.net>
- 5) [146626] FS: Ten-Tec Century 22 - SOLD!
by "Dave Redfearn" <n4elm@attbi.com>
- 6) [146627] EMRFD & Manhattan Building
by J38AL@aol.com
- 7) [146628] Re: For Sale: GQ-Plus multiband qrp cw transceiver
by =?iso-8859-1?Q?bam_yb=D8ko/1_SOETRISNO?= <unclebam@indosat.net.id>
- 8) [146629] Re: CW - KOCH method -
by "James R. Duffey" <JamesDuffey@comcast.net>
- 9) [146630] i think i am back!
by sergio <sergio@village-buzz.com>
- 10) [146631] Re: [Dressing for FYBO?]
by "P. Ermisch" <ermisch@usa.net>
- 11) [146632] Fw: Re: Crystals are for what?
by Edgar R Guillot <n5ed@juno.com>
- 12) [146633] re: Iomega zip drive for sale
by "Joe W2KJ" <w2kj@bellsouth.net>
- 13) [146634] Re: cable ground
by Ed Tanton <n4xy@earthlink.net>
- 14) [146635] Re: Aluminum Rods and PSK-31
by Bob Nielsen <nielsen@oz.net>
- 15) [146636] QRPing in Joshua Tree...
by "Trevor Jacobs" <kg6cyn@earthlink.net>
- 16) [146637] RE: i think i am back!
by Nick Kennedy <nkennedy@tcinternet.com>
- 17) [146638] Re: EMRFD & Manhattan Building
by David Hinerman <WD8CIV@worldnet.att.net>
- 18) [146639] VE4WI Fox Log?
by "Stephen King" <frstephenk@stfrancishigh.org>
- 19) [146640] FYBO Scores

- by "Bob Hightower" <nk7m@extremezone.com>
- 20) [146641] Re: Dressing for FYB0?
by Bruce Grubbs <mail@brucegrubbs.com>
- 21) [146642] Re: EMRFD & Manhattan Building
by "Jim Stamper" <jstamper@shentel.net>
- 22) [146643] Re: Advice on first-timer QRP Rig
by "Lee Mairs" <lmairs@direcway.com>
- 23) [146644] Re: EMRFD & Manhattan Building
by Edgar R Guillot <n5ed@juno.com>
- 24) [146645] Re: VE4WI Fox Log?
by Bruce Rattray <rattray@gpfn.sk.ca>
- 25) [146646] Great Website for Homebrew copper Mag Loop antennas
by Michael Babineau <michael.babineau@sympatico.ca>
- 26) [146647] RE: CW - KOCH method
by Steve.Lawrence@ITWFEG.COM
- 27) [146648] S/P/C - ?
by "Oleg V. Borodin" <master72@lipetsk.ru>
- 28) [146649] Re: EMRFD & Manhattan Building
by David Hinerman <WD8CIV@worldnet.att.net>
- 29) [146650] Re: S/P/C - ?
by "KL7FDQ, Wayne Leman" <KL7FDQ@rangeweb.net>
- 30) [146651] RE: CW - KOCH method
by David Hinerman <WD8CIV@worldnet.att.net>
- 31) [146652] Mike C. Report
by "Doug Hendricks" <ki6ds@dph.dpol.net>
- 32) [146653] FS: PSK-20 QRP Transceiver
by "Juan Ferrari" <puntrad@usa.net>
- 33) [146654] Re: VE4WI Fox Log?
by Pete Burbank <plburbank@earthlink.net>
- 34) [146655] FYB0 from Wyoming
by "Richard J. Housden, WA8NTA" <wa8nta@arrl.net>
- 35) [146656] Manhattan IC Pads
by "Doug Hendricks" <ki6ds@dph.dpol.net>
- 36) [146657] Koch method pitfalls
by "Karl F. Larsen" <k5di@zianet.com>
- 37) [146658] TT Noreaster Lives
by "Pablo L. Robles" <wp4jxd@isla.net>
- 38) [146659] Re: Mike C. Report
by "Bill Jones" <kd7s@psnw.com>
- 39) [146660] IC Manhattan Pads de K7Q0
by "Chuck Adams, K7Q0" <k7qo@earthlink.net>
- 40) [146661] RE: CW - KOCH method
by "Tim, N9PUZ" <n9puz@arrl.net>
- 41) [146662] Re: Manhattan IC Pads
by Tayloe Dan-P26412 <Dan.Tayloe@motorola.com>
- 42) [146663] OT: looking for a SRD diode in Ft Lauderdale area..
by "Niel Skousen" <skousen@srv.net>
- 43) [146664] Mounting IC's Manhattan style

- by "Joe W2KJ" <w2kj@bellsouth.net>
- 44) [146665] WTB: NorCal St. Louis Tuner Kit
by "Gene Sailsbury" <gsailsbury@mobil1.net>
- 45) [146666] Re: S/P/C - ?
by "Oleg V. Borodin" <master72@lipetsk.ru>
- 46) [146667] FS: One Dozen NC-40A's
by "James P. Osburn, P.E." <j.p.osburn@ieee.org>
- 47) [146668] OT [VERY] FAX Machines
by David Shalita <davidr@cnmnetwork.com>
- 48) [146669] NORTEX QRP CLUB Meeting
by "kk5na" <kk5na@kk5na.com>
- 49) [146670] FYBO Logs
by "Bob Hightower" <nk7m@extremezone.com>
- 50) [146671] Re: Mounting IC's Manhattan style
by "Howard Kraus" <K2UD@adelphia.net>
- 51) [146672] FS: TS520 and IC751A
by "Mike Rioux" <mike@rioux.org>
- 52) [146673] Re: FYBO Scores
by "Ron Polityka" <wb3aal@fast.net>
- 53) [146674] Re: Mounting IC's Manhattan style
by "Howard Kraus" <K2UD@adelphia.net>
- 54) [146675] Re: Mounting IC's Manhattan style
by "Jerry Hall, =?ISO-8859-1?Q?W=D8PWE"?= <lugehall@hotmail.com>

Date: Mon, 24 Feb 2003 17:34:32 -0600
From: Jeffrey L Greer <wd4et@juno.com>
To: donovanhoggan@netscape.net
Cc: qrp-l@Lehigh.EDU
Subject: [146622] Re: Advice on first-timer QRP Rig
Message-ID: <20030224.173603.-553931.0.wd4et@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Hi Donovan,

My first QRP kit was the NC-40 from Wilderness Radio. At the time, around 1996, QST had an article comparing all of the small kits available at the time. I did a lot of research and picked the NC-40. Many others are available today. All good options.

Just after completing the NC-40, I took a vacation to the mountains of north Georgia. I made multiple contacts using a small motorcycle battery, a straght key, and an MFJ 40M dipole. I was hooked.

Since then I have built many small radios. The most recent is K2 #155

with all of the qrp add ons.

The 40A will always have a place in my shack. I think it is still one of the best entry level radios.

73, Jeff WD4ET in Crosby, TX

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Date: Mon, 24 Feb 2003 18:24:05 -0600
From: "Kelly Ellison" <kelman@sofnet.com>
To: <qrp-l@lehigh.edu>
Subject: [146623] FS: Icom 706, MFJ 941E Tuner.
Message-ID: <002e01c2dc64\$350bc7c0\$ac32c840@pavilion>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Will offer this stuff here first:

FS:

Icom 706 Original.

Stock radio, mic, power cord and manual. Extra clean in excellent shape. Works great QRP or at 100 Watts. Asking \$450.00 and half of shipping. contact me direct.

MFJ-941E Tuner.
Like new, hardly used. (replaced with a LDG Autotuner)
\$50.00 plus shipping.

Kelly Ellison - WB0WQS
QRP-L #0702

Date: Mon, 24 Feb 2003 19:24:06 -0500
From: David Hinerman <WD8CIV@worldnet.att.net>
To: qrp-l@lehigh.edu
Subject: [146624] Re: Norcal 30
Message-ID: <5.1.1.6.1.20030224191833.00b18470@postoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

>Jobs? Family? Can I get these as kits also? Didn't see them on the web
>page...

Lee,

Actually, yes. I got a "family starter kit" (a spouse who wanted lots of kids) about 23 years ago, and kept buying add-ons until we're up to 3 kids. Then they went surface-mount and I couldn't see well enough to keep building. (Grin)

I can't help you with a Web page, but if you turn off the spam block on your e-mail you'll get lots of offers along the lines of "<nationality> women make great wives!".

Kids make great test equipment, too - I don't know how many times I've been testing a circuit and had the youngest come running in and say, "I smell something burning!"

Dave

Dave Hinerman
WD8CIV@att.net

Date: Mon, 24 Feb 2003 19:25:04 -0500
From: David Hinerman <WD8CIV@worldnet.att.net>
To: qrp-l@lehigh.edu
Subject: [146625] RE: Aluminum Rods and PSK-31
Message-ID: <5.1.1.6.1.20030224192421.00b17878@postoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 05:31 PM 2/24/2003 -0500, you wrote:

>I would have considered it too flimsy but someone mentioned using aluminum

>clothes line for their antenna. You can get aluminum wire in 10 ft lengths (I
>think) that is used to suspend the grids for suspended ceilings. Looks like
>about 1/8 inch diam. and about as stiff as old time wire clothes line. Plenty
>strong for tying off my tomato plants but then I had it stretched between
>heavy wooden posts. Got mine at the local Home Depot. YMMV

Can you still get solid aluminum ground wire?

Dave Hinerman
WD8CIV@att.net

Date: Mon, 24 Feb 2003 19:21:28 -0600
From: "Dave Redfearn" <n4elm@attbi.com>
To: "Low Power Amateur Radio Discussion \ (E-mail\)" <qrp-1@lehigh.edu>,
"Ten-Tec Mail list \ (E-mail\)" <tentec@contesting.com>
Subject: [146626] FS: Ten-Tec Century 22 - SOLD!
Message-ID: <000001c2dc6c\$39896700\$016fa8c0@Pavillion>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

SOLD! - Ten-Tec Century 22 HF Transceiver

Thanks for the response!

73 - Dave

=====
Dave Redfearn, ARS N4ELM, McKinney, TX
Email: n4elm@NOJUNKattbi.com (to reply, remove NOJUNK)
QRL? de N4ELM/qrp

Date: Mon, 24 Feb 2003 21:20:21 EST
From: J38AL@aol.com
To: qrp-1@lehigh.edu
Subject: [146627] EMRFD & Manhattan Building
Message-ID: <10f.1eee6c69.2b8c2ce5@aol.com>
MIME-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

The title says it. Yes, I got one of the new ARRL books and think it's just great. Thanks to Bill, N8ET, at Kanga for a super deal.

As for the Manhattan building, I have wanted to try some experiments with it and finally did. I built a 40m DC rcvr and an audio amp from EMRFD. I built them a little different than the norm. If you would like to see what I have done, please go to my web page that I set up to document them.

> <http://members.aol.com/n2zhs/n2zhspg4.html> <

72,73 A1 N2ZHS
Scotia, NY

Date: Tue, 25 Feb 2003 08:26:24 +0700
From: =?iso-8859-1?Q?bam_yb=D8ko/1_SOETRISNO?= <unclebam@indosat.net.id>
To: nicovertriest@netscape.net, qrp-1@Lehigh.EDU
Subject: [146628] Re: For Sale: GQ-Plus multiband qrp cw transceiver
Message-ID: <006e01c2dc70\$1ba5e520\$a9429bca@unclebam>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 8BIT

dr nico et al,

i hv read the specs in the referred (one page only)
www.bright.net/~kanga/kanga/gq-plus.htm.
sounds interesting, but is there any product review, users' report, products comparison etc on this GQ-plus which i can download or view?

TIA es 73, bam yb ko/1

----- Original Message -----

From: "Nico Vertriest" <nicovertriest@netscape.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Monday, February 24, 2003 8:59 PM
Subject: For Sale: GQ-Plus multiband qrp cw transceiver

> GQ-Plus multiband (80-10) qrp cw transceiver in immaculate condition.
> DDS VFO and LCD frequency readout to 1 Hz.
> Power output 4-7 watts
> Price: 375 US \$

>
> Further specs, see www.bright.net/~kanga/kanga/gq-plus.htm
> Seller will ship internationally. Shipping costs: please enquire.
> A photo will be sent upon request.
>
> 73, Nico ON4CIV
> Fists #5536
> G-qrp #10189

Date: Mon, 24 Feb 2003 19:47:59 -0700
From: "James R. Duffey" <JamesDuffey@comcast.net>
To: Bruce Rattray <rattray@gpfn.sk.ca>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [146629] Re: CW - KOCH method -
Message-ID: <BA80276F.2430%JamesDuffey@comcast.net>
MIME-version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Bruce - Sorry for misunderstnading your predicament. You might try to just jot down notes on what the other station is saying, not 100 % copy. After all, we seldom copy down every word of a voice QS0. The first round is easy, just fill out RST, QTH, and name in the log instead of on paper. Other notes are a bit harder, but doable, like rig, wx and antenna.

If you can type faster than you can copy CW, you could try copying on a text editor, the notes section of a logger, or a typewriter. Let us know how you solve this delimna. - Duffey

James R. Duffey KK6MC/5
Cedar Crest NM 87009 DM65

Date: Mon, 24 Feb 2003 22:08:40 -0500
From: sergio <sergio@village-buzz.com>
To: qrp-l@Lehigh.EDU
Subject: [146630] i think i am back!
Message-ID: <5.1.1.6.0.20030224220509.01b46bc0@mail.neobright.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

after a million lifestyle changes, and massive work on starting a new career, i think i may be back..

i have everything set up.. 40-40 into a zm-2 into a long wire scattered in an around the house (for now)..

now.. i have one question..

grounding..

RIGHT NEXT to my rig, i have cable tv connector..

can i just attach a wire to this, and use this for my station ground? this would make life SO EASY if i could do this... it would get me on the air so much faster than having to find a way to get some other kinda wire in here..

now, to get my code speed up.. dangit..

thanks!

..sergio..

kb8qpt

peace,

sergio

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www.mp3.com/village_buzz - "the rock n roll, baby!"

www.coffee-black.com - rock photo!

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VB-Announce-subscribe@yahooogroups.com

www.amazon.com/o/registry/3L7DM7FMR50QU <- buy me some swag!

Date: Mon, 24 Feb 2003 20:13:38 -0700

From: "P. Ermisch" <ermisch@usa.net>

To: <hottell@gulftel.com>,

"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [146631] Re: [Dressing for FYB0?]

Message-ID: <096HByDNM0352S08.1046142818@uwdvg008.cms.usa.net>

Mime-Version: 1.0

Content-Type: text/plain; charset=ISO-8859-1

Content-Transfer-Encoding: quoted-printable

Dave,

The general guidelines for cold weather clothing are:

1. Layering - provide the ability to adjust your clothing to accomodate changing conditions and more air layers for storing body heat.
2. Wicking materials - layers should consist of polypropelene, silk, Polartec (commonly called fleece), wool. Wet skin is your worst enemy in cold weather.
3. Outermost layer should be watershedding but should pass some inner moisture and heat outwards (Goretex and descendants)

I won't go into a lot of detail about my specific setup for FYBO unless you want to hear it. Since I wasn't going to have a lot of physical activity, my layers had more loft to retain more heat (3 total). I wouldn't use my ski clothes because those are made for more activity (although I did use my ski pants/bibs.) I generally don't use down since it does not wick as well as

modern fabrics but, for this event, I had a down vest underneath a nylon/cotton jacket to help keep me warm. It actually made me sweat but the lower poly/Polartec layers kept me mostly dry.

On my hands, I had a pair of REI "mitten/gloves". The mittens fold back to reveal my fingers while the rest of my hand is covered in heavyweight, windproof Polartec. I only used these about half the day. The cheapo tent reduced the air movement which would contribute greatly to heat loss.

I only exercised when my toes started tingling - about four times during the day including lunch. I had wool socks and Technica snowshoeing boots (very dry but not too warm).

The FT817/Z11 and Palm did fine in the 20F temps I had. Last year I used a K1

in slightly warmer conditions with absolutely no problems. Like I said, =
I can
give you more details if you'd like. Also, I bet there's some discussion=
of
this at www.natworld.com/ars

Paul KB0LUR

Dave Hottell <hottell@gulftel.com> wrote:

> Gang,
> =

> Now that this FYBO is past, I am wondering if some of you cold weather =
ops
> would share how you prepare yourselves to handle several hours of opera=
ting
> out in such low temps.
> =

> I know from experience that it is very difficult to keep warm sitting o=
ut
> in cold temps for several hours. What do you folks bundle up in? Are s=
ki
> clothes warm enough? How do you keep your feet warm? Do you wear a gl=
ove
> on your sending hand? Do you exercise periodically to help keep warm? =
=

> =

> Also, how do the different pieces of radio gear hold up to the temps?
> =

> 73 es gl,
> Dave
> AB9CA
> =

Date: Mon, 24 Feb 2003 22:29:05 -0600
From: Edgar R Guillot <n5ed@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [146632] Fw: Re: Crystals are for what?
Message-ID: <20030224.222906.2612.0.N5ED@juno.com>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The following was a reply to me by Chuck Carpenter. I thought it should be shared with the group.

N5Ed-----

From: Chuck Carpenter <w5usj@9plus.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Date: Sun, 23 Feb 2003 07:57:19 -0600
Subject: Re: Crystals are for what?
Message-ID: <3.0.2.32.20030223075719.00800920@mail.9plus.net>

Ed,

They can be used to give you a little more rockbound frequency agility and move around the bands some. Note that a couple of them are at or very near frequency boundaries for different license categories. You may need to pull them higher to avoid a problem.

>sale at these frequencies : *3560, *7040, 7190, *10106, 10125, 14025, *14060, >14200, 21026, *21060, and *28060 kHz. The ones with the * , I know are for >CW QRP calling frequencies, but does anyone know what the others are for?

FYI, experiments that I've done with some of them in a Colpitts oscillator produced about half the power output of HC-49s on about the same frequency. Measuring with an RF probe right at the input to the oscillator from the crystal produced about half the drive voltage. They might do better in a different oscillator configuration and worked just fine otherwise.

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
Rock-Mites on 80, 40, 30, 20 and 15 Meters
QRP-ARCI #5422, QRP-L #1306, QRPp-I #115, ARS #1280, SOC #57
Zombie #759, COG #11, 6 Club #201, NETXQRP <http://www.netxqrp.org>

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Date: Mon, 24 Feb 2003 23:32:31 -0500
From: "Joe W2KJ" <w2kj@bellsouth.net>
To: "qrp-1" <qrp-1@lehigh.edu>
Subject: [146633] re: Iomega zip drive for sale
Message-ID: <001101c2dc86\$e9ac3260\$220110ac@gateway.2wire.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Howdy Gang:

The Iomega zip drive I had for sale has been sold.

73, Joe W2KJ

Date: Tue, 25 Feb 2003 00:43:02 -0500
From: Ed Tanton <n4xy@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [146634] Re: cable ground
Message-ID: <5.2.0.9.2.20030225002430.03289db8@pop.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hi Sergio...

Could you? Yes. In order to be legal, your cable company is supposed to have installed a ground rod/etc. somewhere where your connection arrives at, or enters your home. So it-the cable converter-should be at ground. Check the converter chassis ground with a VOM/DVM to the ground pin of your wall socket. First, see if there is ANY voltage (AC or DC) between the two. Presuming that shows none, then you can try an ohms measurement. Should be zero.

Should you? Well... that's a different matter. It is REALLY asking for interference to your television system. Most cable systems are relatively immune to TVI for the simple reason that they are stronger than the usual urban broadcast signal. Sharing a ground that may very well be 50 or more feet away is a very likely opportunity for RF to get in somehow, somehow. And, cable systems can bring lightning along their lines, riding on the outside of the cable, and so into your rig. Furthermore, the cable company may very likely have rules against such an attachment.

So, my answer, FWIW, is NO, I wouldn't.

Could you try it and see? I think so, yes. I do not believe the amount of RF you could impress upon the TV system using a 40-40 in this manner would be of any danger to yourself, your rig, or your TV. BUT, even if it works just fine, I strongly urge you to then work on a proper ground system, and get off the cable system.

Also... should you experience any... uh-h-h... unfortunate events involving the failure of the cable converter, even if it isn't your fault, I would not leave it obviously connected for just anyone-like the cable repair guy-to see, since no matter what, it would be your fault from their viewpoint.

73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

"Suppose you were an idiot ...
And suppose you were a member of
Congress... but I repeat myself."
--Mark Twain

Date: Mon, 24 Feb 2003 22:52:51 -0800
From: Bob Nielsen <nielsen@oz.net>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [146635] Re: Aluminum Rods and PSK-31
Message-ID: <20030225065251.GB20437@n7xy.net>
Mime-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

On Mon, Feb 24, 2003 at 07:25:04PM -0500, David Hinerman wrote:

> At 05:31 PM 2/24/2003 -0500, you wrote:
> >I would have considered it too flimsy but someone mentioned using aluminum
> >clothes line for their antenna. You can get aluminum wire in 10 ft lengths
> >(I
> >think) that is used to suspend the grids for suspended ceilings. Looks like
> >about 1/8 inch diam. and about as stiff as old time wire clothes line.
> >Plenty
> >strong for tying off my tomato plants but then I had it stretched between
> >heavy wooden posts. Got mine at the local Home Depot. YMMV
>
> Can you still get solid aluminum ground wire?
>

Radio Shack carries solid aluminum ground wire (~1/8 in. dia.)

Bob, N7XY

Date: Tue, 25 Feb 2003 03:56:06 -0800
From: "Trevor Jacobs" <kg6cyn@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [146636] QRPing in Joshua Tree...
Message-ID: <002701c2dcc4\$e1a23540\$239eb2d1@tjacobs>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Gang,

Well, I didn't FMBO last weekend as I operated from Burbank, but will be attempting an FYBO like trip starting Thursday morning through Sunday. We're heading back out to Joshua Tree National Park for another camping/hiking excursion. I'll be taking along the K1 this time and some wire to play around with different types of antennas. I'll be on the air in the afternoons and early evenings on 40, 30, 20, or 15 meters depending on the bands. I'll also be on Thursday night for the FOX Hunt FingMBO so to speak. Temps have been below freezing and we expect to see snow, at least that's been the norm for the last 2 years. Should be a fun trip. I'm taking the camera this time so will try to put up pics when I get back. Take care...

73's Trev KG6CYN

<http://home.earthlink.net/~kg6cyn>
<http://www.qsl.net/kg6cyn>

Date: Tue, 25 Feb 2003 06:45:32 -0600
From: Nick Kennedy <nkennedy@tcainternet.com>
To: "'sergio@village-buzz.com'" <sergio@village-buzz.com>,
Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [146637] RE: i think i am back!
Message-ID: <01C2DC99.7EE5EDA0.nkennedy@tcainternet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Welcome back, Sergio.

I don't think using the CATV shield as a ground is a good idea. It might work OK, but I'd be afraid of interfering with TV reception in the area.

A ground isn't really mandatory unless you are using some sort of end fed wire as an antenna. If you have a dipole or variation on it (G5RV, NORCAL doublet), or a vertical with local ground and/or radials, you could probably skip the ground connection at the transmitter.

If you MUST use an end fed wire, try a counterpoise at the TX instead of the CATV shield.

On an unrelated note--FYBO (Saturday) in Ark had temperatures in 40's and 50's. This morning we have snow and 20's. Timing is everything.

72--Nick, WA5BDU

On Monday, February 24, 2003 9:09 PM, sergio [SMTP:sergio@village-buzz.com] wrote:

>
>
>
> grounding..
>
> RIGHT NEXT to my rig, i have cable tv connector..
>
> can i just attach a wire to this,

> kb8qpt

>

>

>

Date: Tue, 25 Feb 2003 08:16:38 -0500
From: David Hinerman <WD8CIV@worldnet.att.net>
To: qrp-l@lehigh.edu
Subject: [146638] Re: EMRFD & Manhattan Building
Message-ID: <5.1.1.6.1.20030225081525.00a720c0@ipostoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 09:20 PM 2/24/2003 -0500, you wrote:

>The title says it. Yes, I got one of the new ARRL books and think it's just
>great. Thanks to Bill, N8ET, at Kanga for a super deal.

>

>As for the Manhattan building, I have wanted to try some experiments with it
>and finally did. I built a 40m DC rcvr and an audio amp from EMRFD. I built
>them a little different than the norm. If you would like to see what I have
>done, please go to my web page that I set up to document them.

>

> <http://members.aol.com/n2zhs/n2zhspg4.html> <

Al,

Now that's imaginative! Did it take much work to remove the paint (or
whatever the coating is) inside the Altoids tin?

Dave

Dave Hinerman
WD8CIV@worldnet.att.net

Date: Tue, 25 Feb 2003 08:40:54 -0500
From: "Stephen King" <frstephenk@stfrancishigh.org>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [146639] VE4WI Fox Log?
Message-ID: <004201c2dcd3\$850dcec0\$3950a8c0@RM204>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"

Content-Transfer-Encoding: 7bit

Has anyone seen a log from VE4WI from last week? I haven't seen it...

Peace & 73

Stephen

W3SMK

K2 #2644

Date: Tue, 25 Feb 2003 06:43:54 -0700
From: "Bob Hightower" <nk7m@extremezone.com>
To: <qrp-1@lehigh.edu>
Subject: [146640] FYBO Scores
Message-ID: <000001c2dcd3\$f1669fc0\$aa4998d0@Bobs>
MIME-Version: 1.0
Content-Type: text/plain;
charset="us-ascii"
Content-Transfer-Encoding: quoted-printable

I'll post the claimed scores again in a couple of days, but we have received 33 logs to date! WOW! Never knew that so many would brave the weather :^).=20

Still a couple of days until the logs start rolling in via snail mail, but it looks like we're gonna be sending a lot of ScQRPions pins out.

I'm finding a few logs that are forgetting to take the NQ7RP bonus, so check that one while you are scoring.

Thanks to all who took part in this contest. Haven't seen this level of participation for some time.

Bob NK7M

Date: Tue, 25 Feb 2003 06:59:47 -0700
From: Bruce Grubbs <mail@brucegrubbs.com>
To: hottell@gulftel.com,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [146641] Re: Dressing for FYBO?
Message-ID: <200302251359.h1PDxqfU026181@rain.CC.Lehigh.EDU>
Content-Type: text/plain;
charset="iso-8859-1"
MIME-Version: 1.0

Content-Transfer-Encoding: 8bit

Dave,

Dress in layers- that is, bring several different layers of clothing- sweaters, fleece jackets, etc. It's very important to keep out of the wind, because wind chill starts at just 3 mph. I make sure I have an outer layer that stops the wind, such as a fleece jacket with a shell, or a mountain parka, etc. Clothing should be loose fitting so it doesn't impair circulation. It's better to wear one pair of heavy socks than two if the second pair makes your boots fit tightly.

Also, synthetic clothing such as Polarfleece is a lot warmer than cotton, and keeps most of it's insulating value if it gets wet.

Mittens are warmer than gloves since they keep your fingers together. But you can't send CW with mittens, so I wear a light pair of liner gloves under the mittens.

Don't forget your head. Since up to half you body heat is lost through your head, a warm pullover cap works wonders.

Being a backpacker, I usually bring a small stove so I can make hot drinks. Depending on the weather, I sometimes bring a small tent so I can stay completely out of the wind.

As for rigs, I'm sure there'll be a LOT of opinion, but I use an Elecraft K2 or a K1 for field contests. Both perform just fine in the cold. My site for FYB0 02 started out at -9F and I didn't have any problems with the K2. The operator was in a mountain tent in a sleeping bag for that one!

Another point is to get some exercise occasionally. About once an hour I sacrifice some contacts and walk around for a while.

73,
Bruce
N7CEE

--

Bruce Grubbs
Outdoor Writer/Photographer
mail@brucegrubbs.com
www.brucegrubbs.com

Date: Tue, 25 Feb 2003 09:05:49 -0500
From: "Jim Stamper" <jstamper@shentel.net>
To: <J38AL@aol.com>,

"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [146642] Re: EMRFD & Manhattan Building
Message-ID: <001201c2dcd7\$01fd1dc0\$ed606fcc@jim>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

What a great idea!! Doing Manhattan construction directly onto the bottom
inside of an Altoids tin.

Thanks, Al, and 73,
jim-
KG4LDY
James H. Stamper
519 Park Avenue
Woodstock, VA 22664-1260
540-459-8350

----- Original Message -----

From: <J38AL@aol.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Monday, February 24, 2003 9:20 PM
Subject: EMRFD & Manhattan Building

> The title says it. Yes, I got one of the new ARRL books and think it's
just
> great. Thanks to Bill, N8ET, at Kanga for a super deal.
>
> As for the Manhattan building, I have wanted to try some experiments with
it
> and finally did. I built a 40m DC rcvr and an audio amp from EMRFD. I
built
> them a little different than the norm. If you would like to see what I
have
> done, please go to my web page that I set up to document them.
>
> > <http://members.aol.com/n2zhs/n2zhspg4.html> <
>
> 72,73 Al N2ZHS
> Scotia, NY
>

Date: Tue, 25 Feb 2003 10:02:21 -0500

From: "Lee Mairs" <lmairs@direcway.com>
To: <wd4et@juno.com>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [146643] Re: Advice on first-timer QRP Rig
Message-ID: <03e301c2dcde\$e8db45d0\$3b6d020a@boomer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Donovan -

You just can't go wrong with one of Dave Bensen's SW series QRP
transceivers. (\$55)
<http://www.smallwonderlabs.com/>

Dave is eager to help you get it done correctly, and will quickly point out
problem spots to check if you run into trouble. And the radio will make
contacts easily.

While the Rockmites are a lot of fun, the tunability and the selectivity of
an SW 20 or 40 will make life a lot frustrating as you first start out.
I'd recommend a 20 meter rig for the added thrill of more DX.

After you've been in the hobby awhile you will find that beating your head
with a brick while trying to make QSOs with milliwatts is also a lot of fun
also. Then you will be ready for a Rockmite (\$25).

73 de Lee
KM4YY

----- Original Message -----

From: "Jeffrey L Greer" <wd4et@juno.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Monday, February 24, 2003 6:34 PM
Subject: Re: Advice on first-timer QRP Rig

> Hi Donovan,
>

> My first QRP kit was the NC-40 from Wilderness Radio. At the time, around
> 1996, QST had an article comparing all of the small kits available at the
> time. I did a lot of research and picked the NC-40. Many others are
> available today. All good options.

>
> Just after completing the NC-40, I took a vacation to the mountains of
> north Georgia. I made multiple contacts using a small motorcycle battery,
> a straght key, and an MFJ 40M dipole. I was hooked.

>
> Since then I have built many small radios. The most recent is K2 #155
> with all of the qrp add ons.
>
> The 40A will always have a place in my shack. I think it is still one of
> the best entry level radios.
>
> 73, Jeff WD4ET in Crosby, TX
>
>

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>

Date: Tue, 25 Feb 2003 09:12:23 -0600
From: Edgar R Guillot <n5ed@juno.com>
To: J38AL@aol.com
Cc: qrp-1@Lehigh.EDU
Subject: [146644] Re: EMRFD & Manhattan Building
Message-ID: <20030225.091224.1872.0.N5ED@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Where is the instructions for putting the pads for a DIP IC in Manhattan building? I saw it on a web site but cannot remember where?

Thanks to Bill, N8ET, at Kanga for a super deal.

>
>
> 72,73 Al N2ZHS
> Scotia, NY
>
>

N5Ed Guillot
Cajun Country
near New Orleans
SOC #535
ARRL Life Mem.

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Date: Tue, 25 Feb 2003 09:36:52 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: Stephen King <firststephenk@stfrancishigh.org>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [146645] Re: VE4WI Fox Log?
Message-ID: <Pine.LNX.4.33.0302250936220.18749-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I'm waiting for it as well Stephen for the Team scores...

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -
- VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 - COG#15 -
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

Date: Tue, 25 Feb 2003 10:48:01 -0500
From: Michael Babineau <michael.babineau@sympatico.ca>
To: qrp-l@Lehigh.EDU
Subject: [146646] Great Website for Homebrew copper Mag Loop antennas
Message-ID: <84F7BD52-48D8-11D7-BFB9-00039309268A@sympatico.ca>
Mime-Version: 1.0 (Apple Message framework v551)
Content-Type: text/plain; charset=US-ASCII; format=flowed
Content-Transfer-Encoding: 7bit

Folks :

For any of you that are interested in Magnetic Loop antennas, Brian
W2BRI has an
excellent do-it-yourself website for building loops out of copper pipe.

<http://www.standpipe.com/w2bri/index.htm>

The big issue with these Mag Loop antennas has always been buying or
building an efficient
capacitor as this part is critical to loop efficiency. Brian's novel
approach is to use a capacitive stub
made from coax (good for about 25W on CW) for an efficient single band

loop.

Michael VE3WMB

Date: Tue, 25 Feb 2003 11:08:36 -0500
From: Steve.Lawrence@ITWFEG.COM
To: qrp-l@Lehigh.EDU
Subject: [146647] RE: CW - KOCH method
Message-ID: <0F8AF97B34.466C081C-ON85256CD8.00579B23-85256CD8.0058AD99@itwfeg.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I've toyed with the idea of using the printing shortcut language "Graffiti" in use by all Palm PDAs for entering data. Most all of the letters are single stroke, no pen lifts. They are readily recognizable, for example the letter "A" is written as an upside down "V"; "E" a backwards "3", "F" and upside down "L", and so on. A complete list may be found:

<http://www.palm.com/products/input/>

Has anyone else tried this approach? It's hard to unlearn 40 some odd years of printing.....

73,
Steve
aa8af

Date: Tue, 25 Feb 2003 11:16:56 +0300
From: "Oleg V. Borodin" <master72@lipetsk.ru>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [146648] S/P/C - ?
Message-ID: <000301c2dceb\$c009fae0\$e5e722c3@user.lipetsk.ru>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="koi8-r"
Content-Transfer-Encoding: 7bit

Dear friends!

I wonder what exchange numbers I need give in QRP-ARCI Contests? Since I knew, it is RST+State/Province/Country. But I haven't S & P in Russia. What number I must doing, please? Maybe, RST+QRP-ARCI Member's number?

Thanks for answers!
72! de RV3GM/QRP (#10742)
Oleg V. Borodin (RU-QRP Club's Chairman)
<http://ru-qrp.boom.ru>

Date: Tue, 25 Feb 2003 12:16:18 -0500
From: David Hinerman <WD8CIV@worldnet.att.net>
To: qrp-l@lehigh.edu
Subject: [146649] Re: EMRFD & Manhattan Building
Message-ID: <5.1.1.6.1.20030225121442.00a62080@ipostoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Ed,

Here you go, courtesy of Jim Kortge himself:

<http://www.qsl.net/k8iqy/socket.html>

Dave

At 09:12 AM 2/25/2003 -0600, you wrote:
>Where is the instructions for putting the pads for a DIP IC in Manhattan
>building? I saw it on a web site but cannot remember where?
>
>Thanks to Bill, N8ET, at Kanga for a super deal.
> >
> >
> > 72,73 A1 N2ZHS
> > Scotia, NY
> >
> >
>
>
>N5Ed Guillot
>Cajun Country
>near New Orleans
>SOC #535
>ARRL Life Mem.
>
>

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Dave Hinerman
WD8CIV@worldnet.att.net

Date: Tue, 25 Feb 2003 10:22:05 -0700
From: "KL7FDQ, Wayne Leman" <KL7FDQ@rangeweb.net>
To: <qrp-1@lehigh.edu>
Subject: [146650] Re: S/P/C - ?
Message-ID: <002f01c2dcf2\$7b54b320\$023d1dac@waynecomputer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="koi8-r"
Content-Transfer-Encoding: 7bit

Dobre dit, Oleg,

You would send a report such as:

569 Russia 10742

You will receive reports from U.S. operators who will give their states. You will receive reports from Canadian operators who will give their province. So the S/P/C means that either someone sends a state, province, or country.

Xoroshho?

Do svedanya,
Wayne Nikolaevich

Wayne Leman
KL7FDQ QRP ARCI #4454
Busby, Montana Grid: DN65nm
<http://www.qsl.net/kl7fdq/>

> Dear friends!
> I wonder what exchange numbers I need give in QRP-ARCI Contests? Since I
> knew, it is RST+State/Province/Country. But I haven't S & P in Russia.
What
> number I must doing, please? Maybe, RST+QRP-ARCI Member's number?
> Thanks for answers!
> 72! de RV3GM/QRP (#10742)
> Oleg V. Borodin (RU-QRP Club's Chairman)
> <http://ru-qrp.boom.ru>
>

>

Date: Tue, 25 Feb 2003 12:26:16 -0500
From: David Hinerman <WD8CIV@worldnet.att.net>
To: qrp-1@lehigh.edu
Subject: [146651] RE: CW - KOCH method
Message-ID: <5.1.1.6.1.20030225122328.00a99ec0@ipostoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Steve,

I never thought of that. The Graffiti character shapes were meant to be a compromise between human recognition and computer recognition (and as we all know, computers are pretty stupid), but I guess they do have less detail and could be quicker to write.

Let us know how it works out.

Dave

At 11:08 AM 2/25/2003 -0500, you wrote:

>I've toyed with the idea of using the printing shortcut language
>"Graffiti" in use by all Palm PDAs for entering data. Most all of the
>letters are single stroke, no pen lifts. They are readily recognizable,
>for example the letter "A" is written as an upside down "V"; "E" a
>backwards "3", "F" and upside down "L", and so on. A complete list may be
>found:

>

> <http://www.palm.com/products/input/>

>

>Has anyone else tried this approach? It's hard to unlearn 40 some odd
>years of printing.....

>

>73,

>Steve

>aa8af

Dave Hinerman
WD8CIV@worldnet.att.net

Date: Tue, 25 Feb 2003 09:26:41 -0800
From: "Doug Hendricks" <ki6ds@dph.dpol.net>
To: <qrp-1@Lehigh.EDU>
Subject: [146652] Mike C. Report
Message-ID: <00bc01c2dcf3\$0fd55cc0\$4a0b0d0a@dph.dpol.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Guys, I just got an email from Mike C. and it contained some startling news to me. Mike has just returned home from the hospital where he underwent double bypass surgery. He had to stay an extra couple of days because of a fever, but he is home now. I have been through this, as have several of you, and what Mike needs now is for all of us to send him a get well card, and the best way is to use a QSL card. Grab one of those gadzillion qsl's that you have lying around, and write Mike a short get well message. He doesn't know that I am posting this, but believe me, he will be happy to get the mail, I know I was. Something about going to the mailbox and finding 30 or 40 cards a day showing you that your friends care about you. Great medecine. Do it today. Here is the address:

MICHAEL A CZUHAJEWSKI
7945 CITADEL DR
SEVERN MD 21144

The best part about sending Mike a card rather than talking to him is that you don't have to try and pronounce his last name, grin. 72, Doug, KI6DS

Date: Tue, 25 Feb 2003 17:29:23 -0000
From: "Juan Ferrari" <puntrad@usa.net>
To: "Piggies-L" <fpqrp-1@mpna.com>,
 "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [146653] FS: PSK-20 QRP Transceiver
Message-ID: <002f01c2dcf3\$714e0f60\$0ee5d7ce@puntana.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Gang. Here I go again.

I have for sale my PSK-20 from Small Wonder Labs. This is 22 month old and works like a champ. Puts near 3.5 watts out. Includes the SM box and the

original instruction manual and will add the DB9 to DB9 cable for the connection to the PC. I made many QSOs with it. You may look at it at :
<<http://www.smallwonderlabs.com/>>

Asking \$135 shipped CONUS. Payment accepted by Postal money order or Pay Pal.

Please respond off the list to:

Juan Ferrari - KG4FSN

puntrad@usa.net

954-3280192

Tnx for the bandwidth.

72

Juan - KG4FSN

Date: Tue, 25 Feb 2003 12:31:40 -0500

From: Pete Burbank <plburbank@earthlink.net>

To: ratttray@gpfn.sk.ca,

"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>

Subject: [146654] Re: VE4WI Fox Log?

Message-ID: <5.2.0.9.0.20030225122537.00a28180@Earthlink.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

If his WX is anything like here, either his computer is frozen or he can't type with mittens on. :-) HI!

73 to all

Pete NV4V Ky

At 10:36 AM 2/25/2003, Bruce Rattray wrote:

>I'm waiting for it as well Stephen for the Team scores...

>

>..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272

> A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -

> - VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 - COG#15 -

> "QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

Date: Tue, 25 Feb 2003 10:49:06 -0700

From: "Richard J. Housden, WA8NTA" <wa8nta@arrl.net>
To: <qrp-1@lehigh.edu>
Subject: [146655] FYBO from Wyoming
Message-ID: <002401c2dcf6\$31c736c0\$c712fc0c@attbi.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

This was my first attempt at FYBO and decided to go to my daughter's home in Cheyenne, WY to operate as a portable seven. She lives on a five acre plot and keeps two horses. The corral fence provided a nice place to duct tape my 33' fiberglass mast to. I used an Elecraft K2 and a 40 meter inverted V mounted at the 30' level fed with twinlead and balun to the K2 tuner.

The weather provided some interesting times. It began sunny and somewhat calm (at least for Wyoming), then became somewhat windy causing the mast to develop a pretty good bow. Then, it became overcast with the temp dropping accordingly, then snow, and finally, lightening and thunder. I wondered why, all of a sudden, I was getting bit when touching anything near the rig. I just don't think about lightening during the winter. When I saw the first lightening crash, I knew it was time to quit and get away from everything around the station setup. Thus ended FYBO 2003.

Early on, according to the reports I was receiving, my feedline broke at the antenna. I figured that had happened as it was loading much differently than when I started. Not wanting to take down the antenna in the wind, I continued.

My log follows:

FYBO 2003 Log for WA8NTA/7

February 22, 2003

Class: Single operator
Power: 5W - Elecraft K2.
Battery power only. 7AH Gel Cel.
Antenna: 40 M. inverted V at 30 feet fed with twinlead on fiberglass mast.
Located near Cheyenne, WY at daughter's horse corral.
Weather: Sunny, windy, overcast, snow, lightening, more wind. Low temp. 35F.

38 QSO X 19 SPC X 35 degrees X Field X Battery + NQ7RP QSO = 33104

TIME	BAND	STATION	RST SENT	RST RCVD	SPC	NAME	POWER	TEMP RCVD	TEMP SENT	MULT.
------	------	---------	-------------	-------------	-----	------	-------	--------------	--------------	-------

1652	20	W7KXB	599	589	AZ	Bill	5W	47	37	*
1655	20	NG7Z	599	559	WA	Paul	5W	70	37	*
1702	20	KE6RS	579	579	CA	Ron	5W	62	37	*
1703	20	N6HI	579	579	AZ	John	.5W	73	37	
1706	20	AA0XJ	599	599	IA	Jim	5W	28	37	*
1720	20	K7TQ	559	559	ID	Randy	5W	65	40	*
1722	20	W5KDJ	559	559	TX	Wayne	.8W	70	40	*
1727	20	WQ0RP	559	559	MN	Ken	5W	74	40	*
1736	20	N7RVD	559	559	WA	Ed	5W	44	40	
1803	20	N9NE	599	579	WI	Todd	5W	25	40	*
1806	20	NK9G	559	559	WI	Rick	5W	29	45	
1809	20	NQ7RP	599	559	AZ	Floyd	5W	70	45	
1821	20	WB8RTJ	599	559	OH	Jim	5W	70	50	*
1825	20	N7CEE	599	559	AZ	Bruce	.9W	44	45	
1826	20	AD6GI	559	579	CA	Chuck	5W	52	45	
1828	20	KD5FCF	599	559	OK	Joel	4W	72	45	*
1830	20	VA6RF	559	559	AB	Earl	5W	70	45	*
1835	20	W0LK	559	559	AR	Bob	5W	70	45	*
1934	20	K9IUA	559	559	IA	Kevin	5W	61	45	
1937	15	K8CV	559	559	MI	Walt	5W	72	45	*
1941	15	N4BP	559	559	FL	Bob	5W	77	45	*
1943	15	W5KDJ	559	559	TX	Wayne	.8W	70	45	
2008	20	N4BP	559	559	FL	Bob	5W	77	40	
2012	20	W8YMO	559	559	OH	Harry	5W	72	40	
2014	20	W7TF	559	579	ID	Jim	5W	40	40	
2016	20	W0LWV	559	579	MO	Larry	5W	70	40	*
2018	20	AB9CA	559	559	AL	Dave	5W	60	40	*
2019	20	K5HK	559	589	NV	Carl	2W	60	40	*
2021	20	AB7OA	559	559	AZ	Kent	5W	71	40	
2022	20	KA5CJJ	559	559	TX	Allen	5W	70	40	
2024	20	WA1TIA	559	559	FL	Art	5W	84	40	
2025	20	VE3FA0	559	559	ON	Frank	5W	72	40	*
2027	20	K7ZYV	559	559	MS	Carl	5W	70	38	*
2029	20	WB5KHC	559	559	TX	Tom	5W	78	38	
2032	20	K9IS	559	559	WI	Steve	5W	70	35	
2033	20	KB7SIK	559	589	ID	Bob	2W	32	35	
2037	20	N6ZI	559	559	CA	Al	5W	68	35	
2038	20	W0PWE	559	579	IA	Jerry	.9W	70	35	

Thanks to the Arizona ScQRPions for holding a great contest. See everyone next year.

Dick Housden, WA8NTA

Greeley, CO

Date: Tue, 25 Feb 2003 10:07:51 -0800
From: "Doug Hendricks" <ki6ds@dph.dpol.net>
To: <qrp-1@Lehigh.EDU>
Subject: [146656] Manhattan IC Pads
Message-ID: <00cc01c2dcf8\$cfefe200\$4a0b0d0a@dph.dpol.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Ed, here is the method that I use. I cut a strip of pc board 1/2" by say 4" or so. Then, I use the IC as a gauge. I line up the 1st pin with the end of the strip and make a mark on the board in line with the other 3 pins. Then, I move the IC down one place, so that I can get the last mark. I then use a mini aluminum miterbox, available at any hobby store that carries model airplane supplies, and I use a mini hacksaw with a fine toothed blade to just cut through the copper along the first 3 marks. Then, I cut the strip off at the 4th mark. Rotate the piece 90 degrees, put it back in the miterbox, and make a cut down the middle splitting the 4 pads previously cut in to two rows of 4 pads. See the crude drawing below.

| | | | |
|
----- 5 Extra Strip to be cut off |
| | | | |
|

1 2 3 4

Note: Cuts 1, 2 & 3 just go through the copper. Cut 4 cuts off the strip. Cut 5 just goes through the copper, and is made last. Use a VOM to check that there is no continuity between pads. Hope this gives you the idea.
72, Doug

Date: Tue, 25 Feb 2003 11:46:25 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>

To: qrp-1@lehigh.edu
Subject: [146657] Koch method pitfalls
Message-ID: <Pine.LNX.4.44.0302251130140.2006-1000000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Since I am one of the Foxes next Thursday I have been using the new Koch software I have my Class using to get better at the copy of code. The Class is working on 5 WPM and I'm doing 20 WPM.

It's interesting that the job of writing down what you hear is bigger than the copy of 20 WPM code for me. I'm used to mobile contacts where about 20 WPM is perfect for copy in your head. You only write down the person's name and call.

But now I'm trying to write down ALL of it. I find my self spending time deciding how to write the character. This will not work well at 20 WPM. I tried writing with the computer and that has the same problem. Finding / and ? take time you do not have.

Beginning Friday I will be teaching, one on many with the Koch software sending at 5 WPM. Trying to learn the 40 characters. No problem with writing down the characters, you have loads of time.

I'm thinking of going back to 10 WPM and use the computer to write what I copy and see how that goes. Then work back up and see if both can get faster.

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Tue, 25 Feb 2003 19:07:01 -0500
From: "Pablo L. Robles" <wp4jxd@isla.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Cc: kd1jv@moose.ncia.net
Subject: [146658] TT Noreaster Lives
Message-ID: <3E5C0525.2050602@isla.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Hello Gang:

Finished my table top noreaster last Saturday. It's already in an enclosure with telescopic antenna and 8 cell AA NiCad battery pack. What a nice little receiver! It even get's me my favorite broadcasts on 550kHz and 910kHz, this wasn't on the specs. I carry the small radio everywhere, even to work. It makes a good conversation piece and introduction to SWL for my friends. Thanks Steve for a great kit.

72,

Pablo L.
WP4JXD

Date: Tue, 25 Feb 2003 10:51:57 -0800
From: "Bill Jones" <kd7s@psnw.com>
To: <ki6ds@dph.dpol.net>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [146659] Re: Mike C. Report
Message-ID: <000501c2dcfe\$f9a15920\$9110010a@fresno>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Great idea, Doug. Mine's in the mail as we speak.

=====
Bill Jones - <><
Sanger, California
<http://www.psnw.com/~kd7s>

----- Original Message -----

From: "Doug Hendricks" <ki6ds@dph.dpol.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Tuesday, February 25, 2003 9:26 AM
Subject: Mike C. Report

>Grab one of those gadzillion qsl's
> that you have lying around, and write Mike a short get well message

Date: Tue, 25 Feb 2003 11:25:48 -0800
From: "Chuck Adams, K7Q0" <k7qo@earthlink.net>
To: qrp-1@lehigh.edu

Subject: [146660] IC Manhattan Pads de K7Q0
Message-ID: <5.1.1.6.0.20030225112310.00b343a8@pop.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

See

<http://www.qsl.net/k7qo/icmkr.html>

for pictures of a scheme that I came up with some time ago
and posted to QRP-L.

Unfortunately the link was hidden in the Elmer 100 page, so I've
moved it to the main page also.....

Since I finished a new workbench last night in the garage workshop
for woodworking I will make another IC pad maker and redo the
pictures with better lighting and also at a smaller resolution
so that they don't take so long to download for those of us still
using 56K modems. :-)

FYI

Chuck Adams, K7Q0
<http://www.qsl.net/k7qo> and <http://www.earthlink.net/~k7qo>

Moving to Arizona? ---- Please bring your own water.

Date: Tue, 25 Feb 2003 13:33:39 -0600
From: "Tim, N9PUZ" <n9puz@arrl.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [146661] RE: CW - KOCH method
Message-ID: <200302252024.0AA26245@steel.eosinc.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: quoted-printable

On Tue, 25 Feb 2003 11:08:36 -0500, Steve.Lawrence@ITWFEG.COM=
wrote:
>I've toyed with the idea of using the printing shortcut=
language

>"Grafitti" in use by all Palm PDAs for entering data.

>Has anyone else tried this approach? It's hard to unlearn 40=
some
>odd years of printing.....

After years of Palm Pilot use I find that I unconsciously use=
Graffiti nearly
any time I take notes and am in a hurry. I don't think it's as=
fast as
cursive for someone who's accustomed to using cursive writing all=
the time.

Tim, N9PUZ

Date: Tue, 25 Feb 2003 12:46:05 -0700
From: Tayloe Dan-P26412 <Dan.Tayloe@motorola.com>
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>
Subject: [146662] Re: Manhattan IC Pads
Message-ID: <7FD24C15A06DD511BF9E00D0B73E995206FBFE1C@az33exm05.corp.mot.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

After trying the hobby saw method (less the miter box) and getting
a bit frustrated, I found that a dremmel tool with a cutting wheel
does the pad cutting job quickly and easily.

It made short work of the rather large pad that I was trying to
make for a 28 pin processor socket I was trying to create.

- Dan, N7VE

Date: Tue, 25 Feb 2003 15:13:08 -0500
From: "Niel Skousen" <skousen@srv.net>
To: <qrp-1@lehigh.edu>
Subject: [146663] OT: looking for a SRD diode in Ft Lauderdale area..
Message-ID: <NFBBI LMKOLCLMCKFACLDCEMJLCAA.skousen@srv.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

This is OT, but I'm looking for a couple HP schottkey or better yet SRD's that I can pickup in the Ft Lauderdale area ?

broke the one in my DEMI 903-144 transverter ...

Tnx Niel
954-895-5295

Date: Tue, 25 Feb 2003 15:14:44 -0500
From: "Joe W2KJ" <w2kj@bellsouth.net>
To: "qrp-l" <qrp-l@lehigh.edu>
Subject: [146664] Mounting IC's Manhattan style
Message-ID: <003601c2dd0a\$89bd6f20\$220110ac@gateway.2wire.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Howdy Gang:

Been reading about making small pads for 8/16 pin dips using small hacksaws, etc.

Wonder if anyone has used the PC board etching process to make many multiples of the small mounting unit???

Seems like a bunch could be made up ahead of project time simply using resist and etching solution.

Any commercial sources out there to fabricate this rascals and then sell them by the fifties or hundreds to hams???

Just thinking out loud.

Joe W2KJ

Date: Tue, 25 Feb 2003 14:51:43 -0600
From: "Gene Sailsbury" <gsailsbury@mobil1.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>

Subject: [146665] WTB: NorCal St. Louis Tuner Kit
Message-ID: <015c01c2dd0f\$b4c543f0\$5ac03fd8@8tracker>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Still looking for the Norcal St. Louis Tuner Kit. Need it to match my
Sierra and NorCal Cascade. Thanks.

72

Gene NOMQ

Outgoing mail is certified Virus Free.
Checked by AVG anti-virus system (<http://www.grisoft.com>).
Version: 6.0.458 / Virus Database: 257 - Release Date: 2/24/2003

Date: Wed, 26 Feb 2003 00:10:03 +0300
From: "Oleg V. Borodin" <master72@lipetsk.ru>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [146666] Re: S/P/C - ?
Message-ID: <006401c2dd12\$ac739140\$9ee722c3@user.lipetsk.ru>
MIME-Version: 1.0
Content-Type: text/plain;
charset="koi8-r"
Content-Transfer-Encoding: 8bit

Dear friends!
A lot of thanks for all answered me.
All right now, I'm understand for s/p/c system.
All the best for ALL and see on QRP Freq's!

For KL7FD0:
Dobryj den' dorogoj drug Wayne Nikilaevich!
Vsyo horosho ponyal, spasibo!
Do-svidaniya! :-))

72! de RV3GM/QRP Oleg V. Borodin
Lipetsk, Russia, RU-QRP Club's Chairman
<http://ru-qrp.boom.ru>

: KL7FDQ, Wayne Leman <KL7FDQ@rangeweb.net>

>Dobre dit, Oleg,
>
>You would send a report such as:
>
>569 Russia 10742
>
>You will receive reports from U.S. operators who will give their states.
You
>will receive reports from Canadian operators who will give their province.
>So the S/P/C means that either someone sends a state, province, or country.
>
>Xoroshho?
>
>Do svedanya,
>Wayne Nikolaevich

Date: Tue, 25 Feb 2003 16:32:06 -0500
From: "James P. Osburn, P.E." <j.p.osburn@ieee.org>
To: "List; QRP, QRP Mailing List" <qrp-l@lehigh.edu>
Subject: [146667] FS: One Dozen NC-40A's
Message-ID: <003501c2dd15\$b2032f00\$8f8acccf@bbbcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Dave, KB9ZGO, asked me to forward this to the list for him.
Contact Dave if you have any questions.

Thanks,

Jim, WD9EYB

Reply-To: j.p.osburn@ieee.org

----- Original Message -----

From: Dave Voltmer <david.r.voltmer@rose-hulman.edu>
To: <wd9eyb@arrl.net>
Sent: Tuesday, February 25, 2003 4:22 PM
Subject: NorCal 40 to QRPListserve

> Good evening,
>
> I have about a dozen NorCal40A transceivers for sale at \$75 + \$5 for
> shipping. These transceivers were constructed by senior electrical
> engineering students, fully tested (in accordance with the tests described
> in David Rutledge's excellent book, The Electronics of Radio), and each was
> used to make at least one contact. All are operational. Check the
> Wilderness Radio web site for specifications,
> <http://www.fix.net/~jparker/wild.html>.
>
> You may obtain one transceiver and a copy of the Wilderness Radio
> assembly/instruction manual for \$75 + \$5 shipping. Payment should be in the
> form of a money order for \$80 made payable to "Rose-Hulman Institute of
> Technology" sent to me at the address below in my signature file.
>
>
>
> Professor David Voltmer, KB9ZG0
> Electrical and Computer Engineering
> Rose-Hulman Institute of Technology
> 5500 Wabash Avenue, Box 116
> Terre Haute, IN 47803
> 812-877-8289 Office
> 812-877-8895 FAX
> <http://www.rose-hulman.edu/~voltmer>
>
>

Date: Tue, 25 Feb 2003 13:40:41 -0800
From: David Shalita <davidr@cnmnetwork.com>
To: "qrp-l \\"Low Power Amateur Radio Discussion\\"<\" <qrp-l@lehigh.edu>
Subject: [146668] OT [VERY] FAX Machines
Message-ID: <3E5BE2D9.A93C5816@cnmnetwork.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I really appoligize for this WAY OT question but all
other inquiries have yielded not answers. Maybe someone in this group
has done this.

PLEASE, send email direct to me, save
QRP_L BW.

HELP NEEDED

I only have one telephone line at my QTH.

I have two PC's each with FAX capable modem.

Is it possible to connect the two PC modems to each other with a cable of sorts, not using the phone line, and then start FAX software in each PC and send FAX messages from one PC to the other? This is similar to COM PORT to COM PORT transfer with a cross-over cable.

My real problem

Or is there a zero cost service I can send a FAX to and have it sent back to me so I can observe the quality of digital images sent by my FAX? Hi res color digital photos I send by FAX look terrible due to dithering.

Thank you, 73, W6MIK, Dave

Date: Tue, 25 Feb 2003 16:21:01 -0600

From: "kk5na" <kk5na@kk5na.com>

To: <kk5na@quadj.com>,

"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [146669] NORTEX QRP CLUB Meeting

Message-ID: <041301c2dd1c\$2f22d570\$6601a8c0@joes>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Hi Gang,

It is almost time for my favorite day of the month!

North Texas (NORTEX) QRP CLUB Meeting day!

Saturday, March 1, 2003 10 am

George, W5YR will have a demonstration of the effects of simple analog filtering and DSP filtering, notching and noise reduction with a K2 driving the filters and play back the output through a local powered speaker and look at the spectrum of the output on a laptop.

He will also bring his HP Power Meter along again for calibrating/checking your wattmeter if any of you care to bring one.

Coffee and goodies at 10am. Maybe chili for lunch. Lots of food, drinks and good radio camaraderie.

Email me if you need directions.

Joe KK5NA

Date: Tue, 25 Feb 2003 15:28:12 -0700
From: "Bob Hightower" <nk7m@extremezone.com>
To: <qrp-1@lehigh.edu>
Subject: [146670] FYB0 Logs
Message-ID: <000b01c2dd1d\$2f725f90\$ac17bdcc@Bobs>
MIME-Version: 1.0
Content-Type: text/plain;
charset="US-ASCII"
Content-Transfer-Encoding: quoted-printable

Please submit your FYB0 logs in text format.....I can convert .dta and .cbr files, but it's a pain.

Thanks,
Bob NK7M

Date: Tue, 25 Feb 2003 17:28:50 -0500
From: "Howard Kraus" <K2UD@adelphia.net>
To: <w2kj@bellsouth.net>
Cc: <qrp-1@Lehigh.EDU>
Subject: [146671] Re: Mounting IC's Manhattan style
Message-ID: <004001c2dd1d\$450f0ec0\$d3603018@buf.adelphia.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Joe,

I saw something like you describe on someone's homebrew or QRP website. I wish I could remember where it was.

There is artwork (downloadable, I believe) on this site that contains many

8-pin pads. You simply shear down the middle, then shear off each 8-pin pad. Magnificent! I will endeavour to find this site and post it here. I'd like to make some of these up myself. The tape and etch method worked for me, but is very time consuming.

72

Howard Kraus, K2UD----- Original Message -----

From: "Joe W2KJ" <w2kj@bellsouth.net>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Tuesday, February 25, 2003 3:14 PM

Subject: Mounting IC's Manhattan style

> Howdy Gang:

>

> Been reading about making small pads for 8/16 pin dips using
> small hacksaws, etc.

>

> Wonder if anyone has used the PC board etching process to make
> many multiples of the small mounting unit???

>

> Seems like a bunch could be made up ahead of project time
> simply using resist and etching solution.

>

> Any commercial sources out there to fabricate this rascals and
> then sell them by the fifties or hundreds to hams???

>

> Just thinking out loud.

>

>

Joe W2KJ

>

>

Date: Tue, 25 Feb 2003 17:31:57 -0500

From: "Mike Rioux" <mike@rioux.org>

To: "'Low Power Amateur Radio Discussion'" <qrp-1@lehigh.edu>

Cc: "'Bob Reiser'" <aa1m@rcn.com>

Subject: [146672] FS: TS520 and IC751A

Message-ID: <000c01c2dd1d\$b7fee2c0\$9732a8c0@toshiba>

MIME-Version: 1.0

Content-Type: text/plain;
charset="us-ascii"

Content-Transfer-Encoding: quoted-printable

For a friend:

Original owner Kenwood TS-520S - 80 to 10 meters (no WARC bands), 100 watt transceiver with 500Hz CW filter installed. Matching Kenwood remote VFO 520S. Receiver incremental tuning on Transceiver and on VFO. Kenwood SP 520 matching external speaker. Shure 526T Transistorized Dynamic microphone. Spare final tube (6146) and service manual. Runs on 110 or 220 Volts. \$200 plus shipping

Icom IC-751A , SSB-AM-CW-FM-RTTY 100 watt all HF band 160-10 Meters with general receiver from 100kHz to 30 MHz. Semi and full break in CW with 500 Hz CW filter . Built in audio preamp and attenuator. Passband tuning and Notch Filter. Built in CW iambic keyer. 3 2 programmable memories with memory scan. External RC-10 frequency controller. Internal power supply not working but repairable. External Icom PS-55 power supply. Icom HM-36 microphone and service manual. \$300 plus shipping. I'm selling both rigs to buy a smaller rig to take on trips. Call Bob, AA1M at (781) 272-6219. aa1m@rcn.com

Date: Tue, 25 Feb 2003 17:33:20 -0500
From: "Ron Polityka" <wb3aal@fast.net>
To: ". QRP-L" <qrp-l@lehigh.edu>
Subject: [146673] Re: FYBO Scores
Message-ID: <004101c2dd1d\$e708f830\$49605cd1@wb3aal>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Bob,

I had full intensions to operate the FYBO this year, but the heavy rain and warm temps made me do the Honey Do List Dance. :-)

72 & Good DX
Ron de WB3AAL
wb3aal@fast.net
www.n3epa.org

----- Original Message -----
From: "Bob Hightower" <nk7m@extremezone.com>

> I'll post the claimed scores again in a couple of days, but we have
> received 33 logs to date! WOW! Never knew that so many would brave the
> weather :^).
>
> Still a couple of days until the logs start rolling in via snail mail,
> but it looks like we're gonna be sending a lot of ScQRPions pins out.
>
> I'm finding a few logs that are forgetting to take the NQ7RP bonus, so
> check that one while you are scoring.
>
> Thanks to all who took part in this contest. Haven't seen this level of
> participation for some time.
>
> Bob NK7M
>
>

Date: Tue, 25 Feb 2003 17:37:42 -0500
From: "Howard Kraus" <K2UD@adelphia.net>
To: <w2kj@bellsouth.net>
Cc: <qrp-1@Lehigh.EDU>
Subject: [146674] Re: Mounting IC's Manhattan style
Message-ID: <000701c2dd1e\$8295adc0\$d3603018@buf.adelphia.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Found it! Check out http://www.qsl.net/w0pwe/Homebrew/IC_Pads/IC_Pads.html
for Manhattan IC pads. I gotta make some of these!

72

Howard Kraus, K2UD
----- Original Message -----
From: "Joe W2KJ" <w2kj@bellsouth.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Tuesday, February 25, 2003 3:14 PM

Subject: Mounting IC's Manhattan style

> Howdy Gang:
>
> Been reading about making small pads for 8/16 pin dips using
> small hacksaws, etc.
>
> Wonder if anyone has used the PC board etching process to make
> many multiples of the small mounting unit???
>
> Seems like a bunch could be made up ahead of project time
> simply using resist and etching solution.
>
> Any commercial sources out there to fabricate this rascals and
> then sell them by the fifties or hundreds to hams???
>
> Just thinking out loud.
>
>
> Joe W2KJ
>
>

Date: Tue, 25 Feb 2003 16:43:25 -0600
From: "Jerry Hall, =?ISO-8859-1?Q?W=D8PWE"?= <lugehall@hotmail.com>
To: qrp-1@Lehigh.EDU
Subject: [146675] Re: Mounting IC's Manhattan style
Message-ID: <BAY1-F552XuL9zsNqM7000080a2@hotmail.com>
Mime-Version: 1.0
Content-Type: text/html

```
<html><div style='background-color:'><DIV>
<DIV>
<DIV>&gt;Wonder if anyone has used the PC board etching process to
make<BR>&gt;many multiples of the small mounting unit???.<BR></DIV>
<DIV>Yes, and it is pretty easy to do with Press-N-Peel or similar products. Here
is a link showing the ones I made and .gif image of the artwork.</DIV>
<DIV><A href="http://www.qsl.net/w0pwe/Homebrew/IC_Pads/IC_Pads.html">http://
www.qsl.net/w0pwe/Homebrew/IC_Pads/IC_Pads.html</A></DIV>
<DIV>&nbsp;</DIV>
<DIV>72</DIV>
<DIV>Jerry, W0PWE</DIV>
<DIV>&nbsp;</DIV></DIV></DIV></div><br clear=all><hr>Add photos to your messages
with <a href="http://g.msn.com/8HMOENUS/2749">MSN 8. </a> Get 2 months FREE*.</
html>
```

End of QRP-L Digest 2842
